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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
RCA 90,045	
APPLICANTS: Belotserkovsky, et al.	
FILING DATE: Herewith	GROUP

U.S. PATENT DOCUMENTS

EXAMINE INITIAL		DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	4,635,276	01/06/87	Karabinis	375	15	
	AB	5,159,565	10/27/92	Bune	364	724.16	
	AC	5,222,101	06/22/93	Ariyavisitakul, et al.	375	13	
	AD	5,297,165	03/22/94	Ueda, et al.	375	12	
	AE	5,351,134	09/27/94	Yaguchi, et al.	358	435	
	AF	5,414,732	05/09/95	Kaufmann	375	232	
	AG	5,475,710	12/12/95	Ishizu, et al.	375	232	
	AH	5,602,602	02/11/97	Hulyalkar	348	607	
	AI	5,787,118	07/28/98	Ueda	375	232	
	AJ	5,841,484	11/24/98	Hulyalkar, et al.	348	607	
	AK	5,956,624	09/21/99	Hunsinger et al.	455	65	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes	TRANSLATION No
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)

	AR		B.P. Lathi, "Modern Digital and Analog Communication Systems," pp 163, 168, 206, 1983
	AS		J.A. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," *IEEE Communications Magazine*, Vol. 28. No.5, pp. 5-14, May 1990.
	AT		J.M. Cioffi, "A Multicarrier Primer," in ANSI T1E1.4 Committee Contribution, No. 91-157, Boca Raton, FL, Nov. 1991.

EXAMINER

DATE CONSIDERED

SUBMITTED BY: Vincent E. Duffy

REG. NO.: 39,964

DATE: 9/18/01

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	BA	6,014,407	01/11/00	Hunsinger, et al.	375	206	
	BB	6,034,564	03/07/00	Iwamatsu	329	306	
	BC	6,144,708	11/07/00	Maruyama	375	327	
	BD	6,167,082	12/26/00	Ling, et al.	375	233	
	BE	6,175,591 B1	01/16/01	Iwamatsu	375	232	
	BF	6,181,714 B1	01/30/01	Isaksson, et al.	370	491	
	BG	6,188,722 B1	02/13/01	Velez, et al.			
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes	TRANSLATION No
	BL							
	BM							
	BN							
	BO							
	BP							
	BQ							

OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)

	BR	Simon Haykin, ''Adaptive Equalization,'' Communication Systems, 3rd Edition, John Wiley & Sons, pp. 452-458, New York, 1994.
	BS	''Broadband Radio Access Networks (BRAN); HIPERLAN Type 2 Functional Specification, Part 1 - Physical (PHY) layer," European Telecommunications Standards Institute, Vol. J, Sep. 1999.
	BT	DRAFT Supplement to STANDARD [for] Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High Speed Physical Layer in the 5 GHz Band, IEEE P82.11a/D7.0, (Supplement to IEEE Std 802.11-1999)

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	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

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	CL							
	CM							
	CN							
	CO							
	CP							
	CQ							

OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)

	CR		http://www.seas,ucla.edu/~langit/slicer.m,pp.1, 07/19/01
	CS		Gregory T. Uehara, Caesar S.H. Wong, Jacques C. Rudell, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer/Viterbi, Sequence Detector in 1.2μm CMOS, Electronics Research Laboratory, Department of Electrical Engineering & Computer Sciences, University of California, http://kabuki.eecs.berkeley.edu/%7Ejrudell/papers/CICC/ pp. 1-11, Berkele CA, 07/19/01
	CT		Caesar S.H. Wong, Jacques C. Rudell, Gregory T. Uehara, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer for Partial Response Channels, Department of Electrical Engineering and Computer Sciences, University of California, http://kabuki.eecs.berkely.edu%7Ejrudell/papers/jssc/, pp.1-19, Berkeley, CA, 07/19/01.

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